Globally optimize your production facility.

With PrintFlow Dynamic Scheduling, you can optimize the interaction of your operations with real-time calculations, enterprise-wide scope, and unique ‘what-if’ capabilities.

**Find the best spot for each job**

PrintFlow is a true dynamic scheduling system that automatically identifies the optimal path for each job based on the equipment available, current workload and the delivery schedules for all jobs. Printflow:

- Fits the sequence of steps required to all other jobs and conditions to produce a job efficiently.
- Sequences the jobs of every cost center to optimize the entire manufacturing process, from prepress through delivery.
- Matches each new job with all other jobs in the plant to reduce make ready time, waste and redundant steps.

**Dynamic, real-time status at-a-glance**

PrintFlow gives you an instant view of your current schedule and available capacity by cost center and by day, hour or any time frame you choose. Its unique Gantt chart shows you all the jobs in your plant in a single, configurable working window. Powerful manipulation software lets you click and drag to create summaries, tasks, links, time lines and more. Options let you view data in workflow or tabular form. And as you make changes, PrintFlow instantly updates the schedule scenario to show you the impact of your decisions in terms of scheduling and equipment utilization.

**More powerful ‘what-if’**

The visual power of PrintFlow is complemented by its ability to perform powerful what-if scenarios that let you evaluate the impact of one or many changes to the schedule. Each time you make a proposed change to the current schedule, PrintFlow immediately re-optimizes, re-synchronizes and provides a new scenario with an impact analysis to compare to your live schedule. You’ll know the effects of any action – good or bad – before you release your new schedule.
PrintFlow Dynamic Scheduling

**A digital magnet board**
The Gantt chart is where you view and manipulate your schedule. You can see if a job is late or how much slack time you have between operations. The Gantt chart allows manipulation (if necessary) of all tasks while automatically calculating the switchover time between different tasks and controlling all upstream and downstream dependencies.

**Fast answers**
PrintFlow is the only true dynamic scheduling tool in the industry with optimization. Think of the time your scheduler and production managers spend trying to synchronize your schedule. PrintFlow gives you instant feedback to questions. In addition, PrintFlow lets you know if you will be incurring additional switchover time by making a change.

**Help with hands-on scheduling**
In addition to robust scheduling automation, PrintFlow gives you powerful tools to assist in manual scheduling activities. For example, as you drag a task across the schedule, switchover time is calculated automatically as PrintFlow compares the properties of one task against another.

**Optimize**
- Find your weakest links and eliminate them.
- Create what-if scenarios to see how changes affect jobs.
- Perform what-if comparisons for the best work scenario.

**Synchronize**
- Organize work based on job and production characteristics to improve capacity utilization and reduce waste.
- Review workload by cost center, department, plant or company level across days, weeks or months.

**Integrate**
Advanced integration with your EFI MIS/ERP software helps improve your entire workflow. Share job specifications and job status and attack the inefficiencies that undermine your investment in people and equipment. PrintFlow’s automated, integrated approach eliminates the need for re-keying and delivers more accurate data in real time.

**PrintFlow advantages:**
- Optimizes use of equipment.
- Minimizes make-ready time.
- Increases capacity.
- Increases throughput.
- Increases on-time delivery.
- Makes proactive scheduling decisions.
- Responds more quickly to customer needs.
- Reduces waste.
- Increases profitability.

**PrintFlow highlights:**
- Schedules the entire plant based on the Theory of Global Optimization.
- Optimizes to reduce switchover time and waste.
- Uses what-if scenarios to evaluate potential changes.
- Dynamically evaluates links and dependencies between cost centers.
- Predicts and analyzes events as they occur.
- Presents graphical schedule views by cost center or day.
- Color codes overtime, idle time and downtime, or any criteria you choose.
- Allows manual overrides, freezing and grouping.
- Automatically calculates production-stage due dates.
- Offers drag-and-drop editing.
- Provides customizable reports.
- Integrates with EFI management systems.

**EFI fuels success.**
From Fiery to superwide inkjet, from the lowest cost per label to the most automated business processes, EFI has everything your company needs to succeed. Visit www.efi.com or call 650-357-3500 for more information.